

Madison, Wisconsin

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

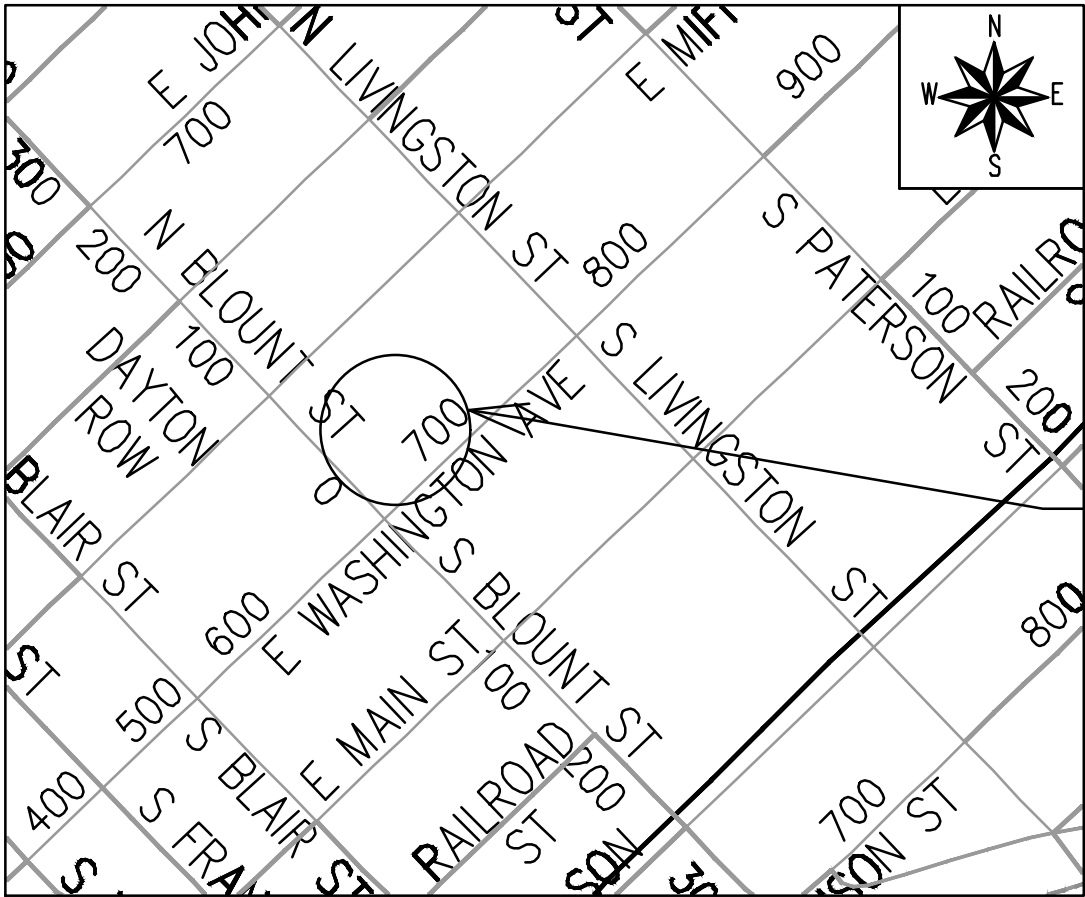
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NO MAINTENANCE PLAN REQUIRED

720 E WASHINGTON AVENUE

CITY PROJECT NO. 15621
CONTRACT NO. 9636



PROJECT
LOCATION

WATER
DESIGNED BY:

SEE
INDIVIDUAL
SHEET

PUBLIC IMPROVEMENT PROJECT
APPROVED

MAY 6, 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

John

03/06/2026

City Engineer

Date

STREET
DESIGNED BY:



03/06/2026

STORM SEWER
DESIGNED BY:



03/06/2026

SANITARY SEWER
DESIGNED BY:



03/06/2026

PLOT SCALE: 1 IN = 1 FT XREF

PLOT NAME: ---

REV. DATE: 3/3/2026 10:23 AM

ORIGINATOR: CITY_OF_MADISON

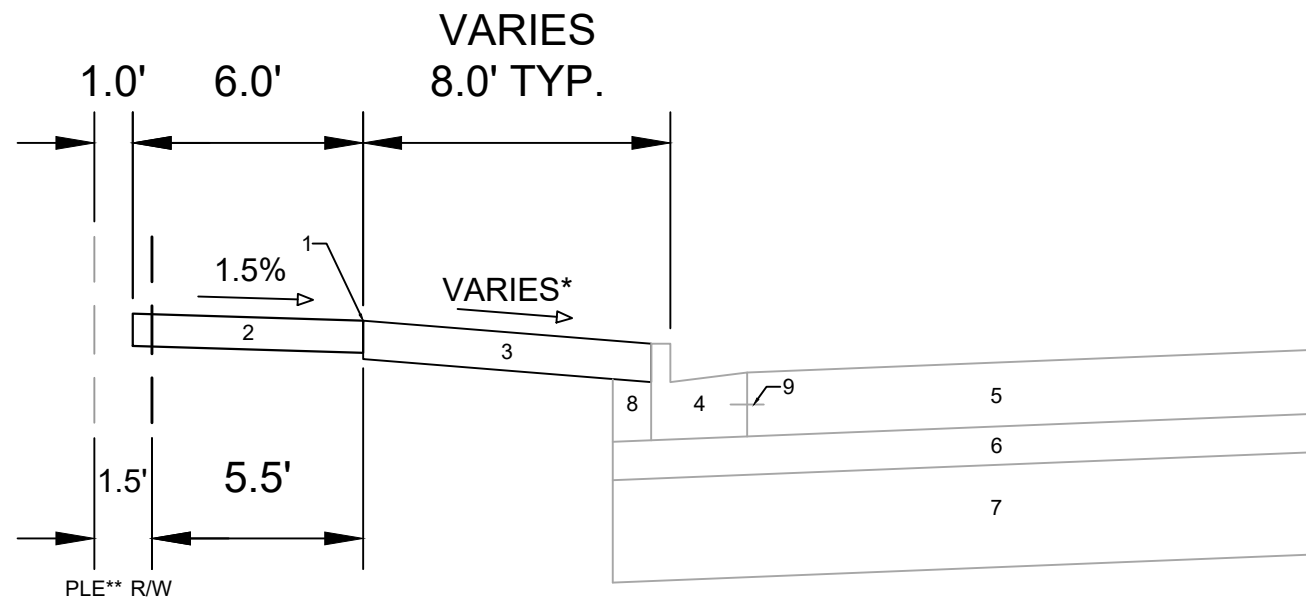


TYPICAL SECTION
N BLOUNT ST

- 1 POINT REFERRED TO ON PROFILE
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED AND MATTING
- 4 EX. CURB & GUTTER TO REMAIN
- 5 EX. PAVEMENT TO REMAIN
- 6 EX. BASE COURSE TO REMAIN
- 7 EX. FILL TO REMAIN

SPECIAL NOTES:

- * SEE SHEETS P-2 AND X-3 CROSS SLOPES AND DIMENSIONS.



TYPICAL SECTION
E WASHINGTON AVE

- 1 POINT REFERRED TO ON PROFILE
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED AND MATTING
- 4 EX. TYPE 'A' CURB & GUTTER, REPLACE IN LOCATIONS IDENTIFIED IN SHEET P-1
- 5 EX. 10" CONCRETE PAVEMENT (DOWELED, NON-REINFORCED)
- 6 EX. 6" BASE COURSE
- 7 EX. 16" BASE COURSE
- 8 EX. FILL TO REMAIN
- 9 EX. TIE BAR

SPECIAL NOTES:

- * SEE SHEETS P-1 AND X-1 TO X-2 FOR CROSS SLOPES AND DIMENSIONS
- ** SIDEWALK EASEMENT RECORDED AS PART OF CSM 16814

DATE	BY
REVISION	DATE
MARK	15621
Designed By: FBEG	Scale: ###

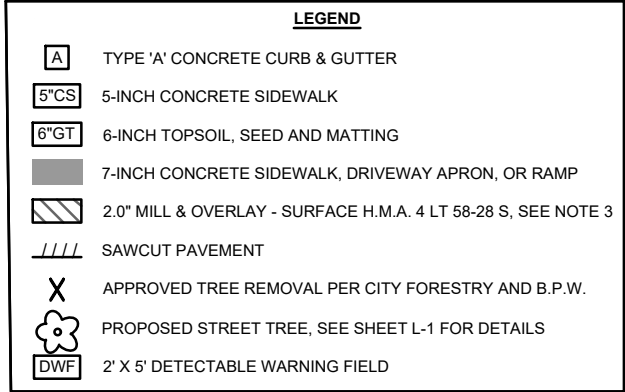
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MADISON, WI
9636
CONTRACT NO:

TYPICAL SECTIONS
720 E WASHINGTON AVENUE
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15621
D-2

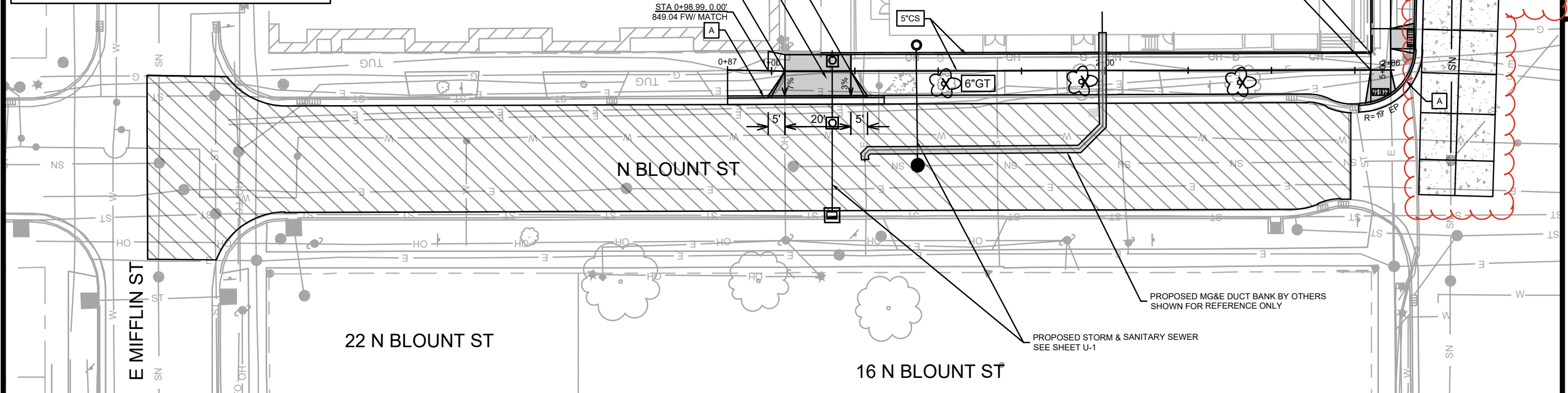
REV 2 - FBEG, 7/23/2026
Increased pavement restoration on E
Washington Ave. due to changes in
sanitary sewer installation



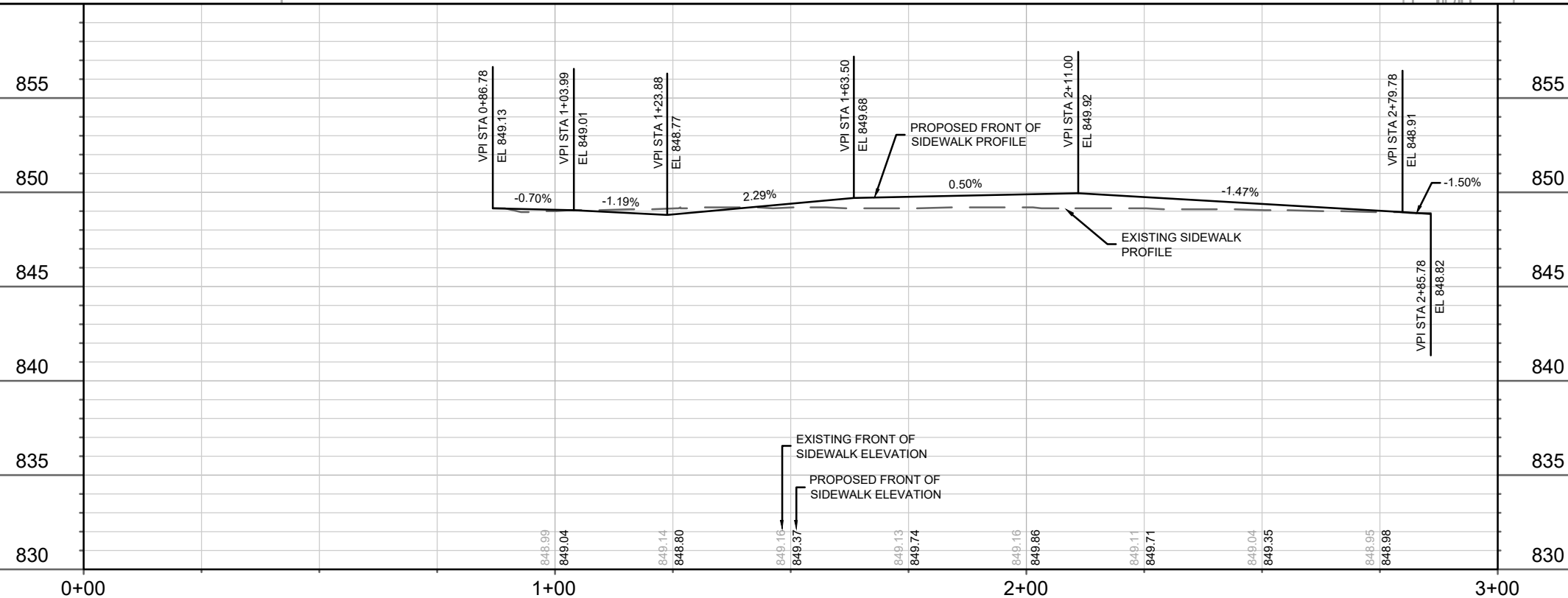
LEGEND	
	TYPE 'A' CONCRETE CURB & GUTTER
	5-INCH CONCRETE SIDEWALK
	6-INCH TOPSOIL, SEED AND MATTING
	7-INCH CONCRETE SIDEWALK, DRIVEWAY APRON, OR RAMP
	2.0\" MILL & OVERLAY - SURFACE H.M.A. 4 LT 58-28 S, SEE NOTE 3
	SAWCUT PAVEMENT
	APPROVED TREE REMOVAL PER CITY FORESTRY AND B.P.W.
	PROPOSED STREET TREE, SEE SHEET L-1 FOR DETAILS
	2' X 5' DETECTABLE WARNING FIELD

NOTES:

1. SEE COMMERCIAL DRIVEWAY PERMIT NUMBER: LNDUSE-2023-00091
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2. MAINTAIN DRIVEWAY ACCESS AT ALL TIMES. THE DEVELOPER SHALL BE RESPONSIBLE TO INFORM AND COORDINATE ACCESS IMPACTS WITH NEIGHBORING PROPERTY OWNER/ MANAGER.
3. MILL AND OVERLAY LIMITS SHOWN ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE CITY CONSTRUCTION ENGINEER. OVERLAY PAVEMENT MIX SHALL BE 4 LT 58-28S.



REV 2 - FBEG, 7/23/2026
Increased pavement restoration on E
Washington Ave. due to changes in
sanitary sewer installation



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15621	MADISON, WI	CONTRACT NO:	9636
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PLAN & PROFILE - N BLOUNT ST
720 E WASHINGTON AVENUE
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15621
P-2

SEWER SCHEDULE

* REVISION 1 - DAO 6/12/2026
^ REVISION 2 - DAO 7/8/2026

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
N BLOUNT ST						
^ SAS# 1	12+86.60	RT-0.88	849.07	841.83	7.24	5' DIA SAS; [1][2][3][9][12]
SAS# 1A	12+86.31	LT-35.12	-	843.09	-	PRIVATE SAN LAT CLEAN OUT
E WASHINGTON AVE						
^ SAS# 2	24+86.18	LT-9.07	848.95	839.68	9.27	[1][2]
^ SAS# 2A	24+85.89	LT-44.22	-	841.56	-	PRIVATE SAN LAT CLEAN OUT
^ SAS# 3A	26+55.03	LT-44.87	-	842.16	-	PRIVATE SAN LAT CLEAN OUT; [5]

SANITARY STRUCTURE ADJUSTMENTS

STRUC ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	PROP TOC	ADJ (FT)	NOTES
E WASHINGTON AVE						
^ SAS5247-043	24+86.59	RT-39.20	849.45	849.45	0.00	TAP (NW) RECONSTRUCT BENCH & FL
^ SAS5247-044	24+29.52	LT-9.24	848.84	848.84	0.00	TAP (NE) RECONSTRUCT BENCH & FL
^ SAS5247-049	26+56.57	LT-8.55	849.62	849.62	0.00	TAP (NW) RECONSTRUCT BENCH & FL

SANITARY STRUCTURE REMOVALS

STRUC ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
N BLOUNT ST						
^ SAS5247-046	12+49.27	RT-1.17	849.05	841.98	7.07	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
N BLOUNT ST							
T-1	12+60.91	RT-15.73	RCBC TAP	-	843.47	-	[8]
S-1	12+60.91	RT-15.73	SADDLED 4X4 STORM SAS INLET	849.24	-	-	
S-2	12+61.02	LT-11.89	3X3 STORM SAS	848.79	843.62	5.17	FP; W/R-1550
^ S-3	12+61.10	LT-30.54	3X3 STORM SAS	848.89	845.49	3.40	FP; W/R-1550; [10]
E WASHINGTON AVE							
* T-4	27+04.62	LT-16.70	SAS TAP AT EX AS5247-098	-	845.40	-	[7][8]
* T-5	27+06.02	LT-16.70	SAS TAP AT EX AS5247-098	-	845.40	-	[7][8]
^ S-6	27+05.24	LT-30.70	3'X3' STORM SAS	849.77	845.46	4.31	FP; W/R-1550; [11]
* -S-6A	27+04.54	LT-30.70	PIPE END AT S-6; CL OF 10" PVC		845.46	-	
* -S-6B	27+05.94	LT-30.70	PIPE END AT S-6; CL OF 10" PVC		845.46	-	

SPECIFIC NOTES

- [1] INSTALL EXTERNAL JOINT WRAP
- [2] INSTALL INTERNAL CHIMNEY SEAL
- [3] INSTALL INSIDE DROP PER S.D.D. 5.7.2
- ^ [4] PROVIDE FLOWLINE THROUGH PRECAST STRUCTURE; INTENDED FOR MAINTENANCE OF SAS
- ^ [5] INSTALL PRIVATE CLEANOUT ONTO EX 8" PVC SAN LATERAL
- [6] RCBC EI = 843.45, TOP INSIDE = 847.45, ROOF = 848.12; INSTALL SADDLED STRUCTURE; CONSTRUCT PER SDD 5.7.9A (TYPE B) W/ #4 DOWELS CONNECTING TO RCBC ROOF
- [7] STATION & OFFSET PROVIDED FOR CENTERLINE OF PIPE AT INSIDE WALL OF EX AS5247-098
- * [8] FIELD CORE EX RCBC/STRUCTURE; INSTALL KOR-N-SEAL BOOT - CONSTRUCTION INSPECTION MAY APPROVE CONCRETE COLLARS BASED ON CONDITION OF EXISTING STRUCTURE
- [9] INSTALL OFFSET CONE; PLACE CASTING AT CL
- ^ [10] PRVT 12" RCP CONNECTION; EI(NE) = 846.30 (12")
- ^ [11] PRVT 12" RCP & 8" PVC CONNECTIONS; EI(NE) = 845.46 (12"), EI(NW) = 845.76 (8")
- ^ [12] INSTALL CAP OR PLUG AT STRUCTURE OR SHORT (2') STUB & CAP AT SW OPENING
- ^ [13] INSTALL DUAL 12" C900 PVC; SLURRY BACKFILL BETWEEN PIPES; FIELD CORE EX RCBC; INSTALL KOR-N-SEAL BOOT

STANDARD NOTES:

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
N BLOUNT ST								
^ SAS# 1	SAS# 1A	842.97	843.09	36	0.35%	8"	SDR-35	PRIVATE LATERAL
E WASHINGTON AVE								
^ SAS5247-043	SAS# 2	839.34	839.68	48	0.70%	12"	SDR-35	
^ SAS# 2	SAS5427-044	839.78	839.98	57	0.35%	12"	SDR-35	
^ SAS# 2	SAS# 2A	841.21	841.56	35	1.00%	8"	SDR-35	PRIVATE LATERAL

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
N BLOUNT ST					
^ SAS# 1	SAS5247-046	37	8"	PVC	

SANITARY PIPE ABANDONMENTS

REMOVE FROM	REMOVE TO	ABN LGTH (FT)	CY SLURRY	PIPE SIZE	PIPE TYPE	NOTES
E WASHINGTON AVE						
^ SAS5247-043	SAS5247-044	75	1	8"	PVC	

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
N BLOUNT ST										
^ P-1	T-1	S-2	843.47	843.62	28	26	0.57%	DUAL 12"	C900 PVC	[13]
P-2	S-2	S-3	845.40	845.49	19	16	0.58%	16"	C900 PVC	
E WASHINGTON AVE										
* P-4	T-4	S-6A	845.37	845.46	14	13	0.72%	10"	C900 PVC	
* P-5	T-5	S-6B	845.37	845.46	14	13	0.72%	10"	C900 PVC	

SEWER SCHEDULE

720 E WASHINGTON AVENUE



15621

U-4

15621

MADISON, WI

9636

CONTRACT NO:

SEWER UPDATES

SEWER UPDATES

REVISION

DESIGNED BY: DAO

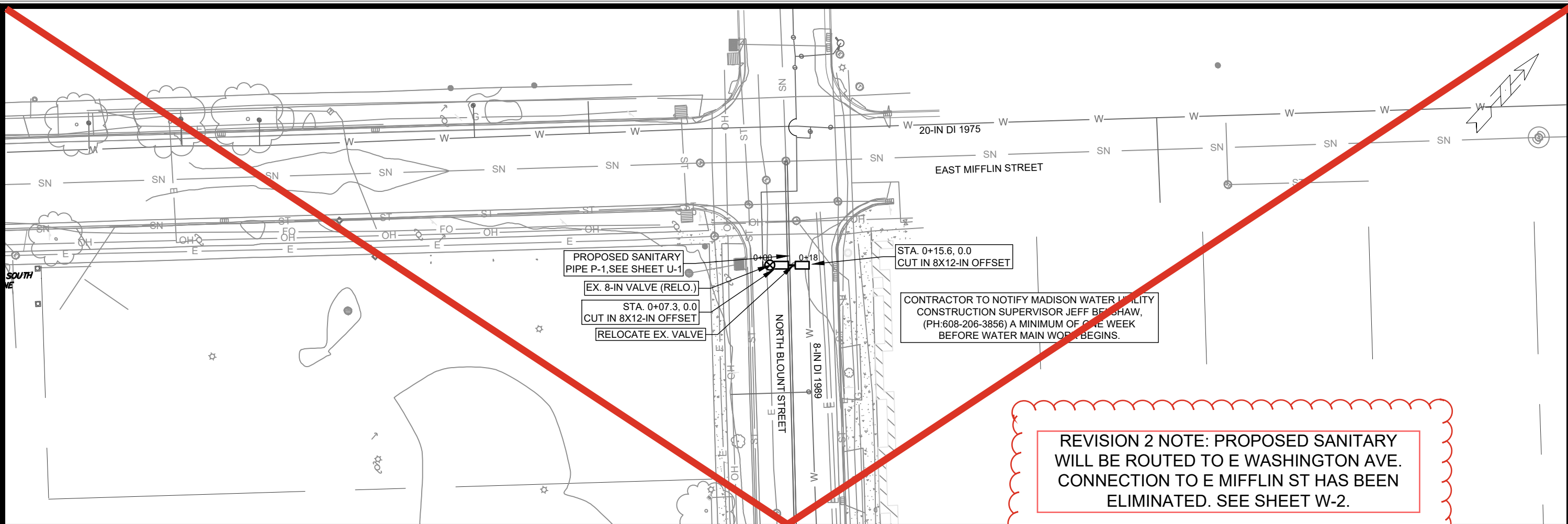
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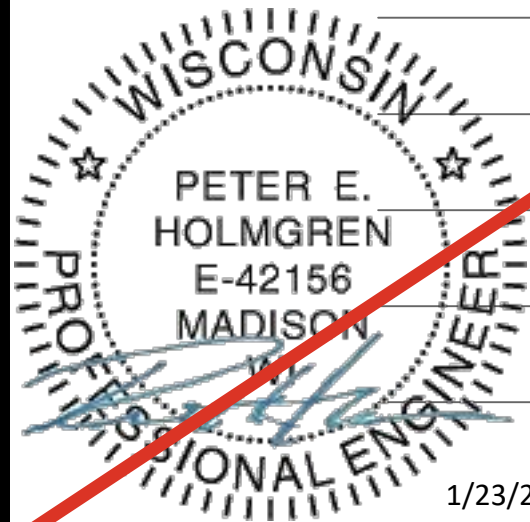
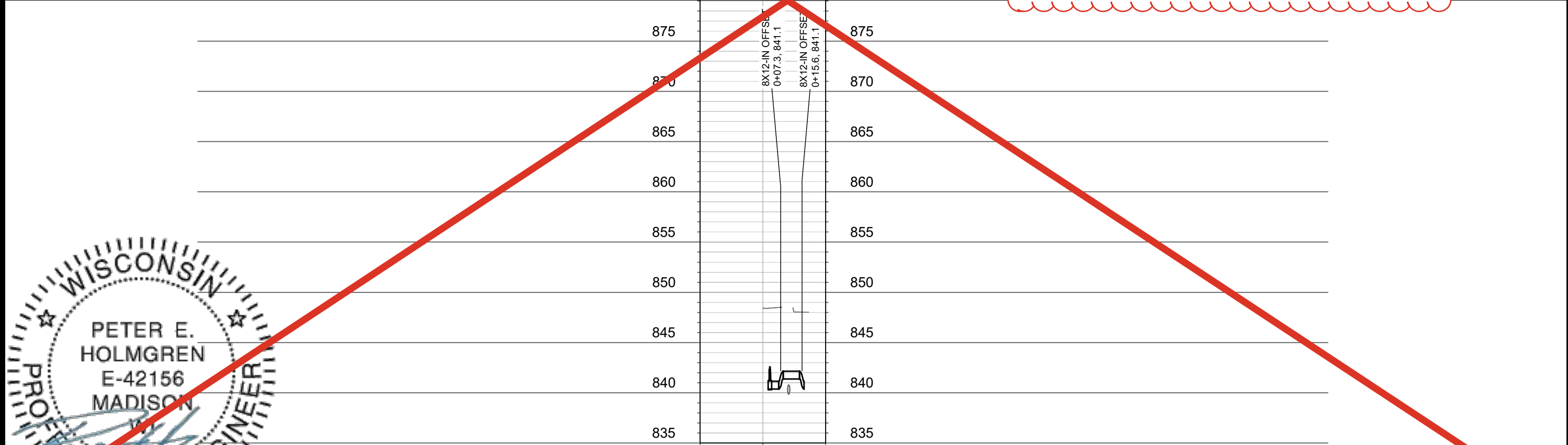
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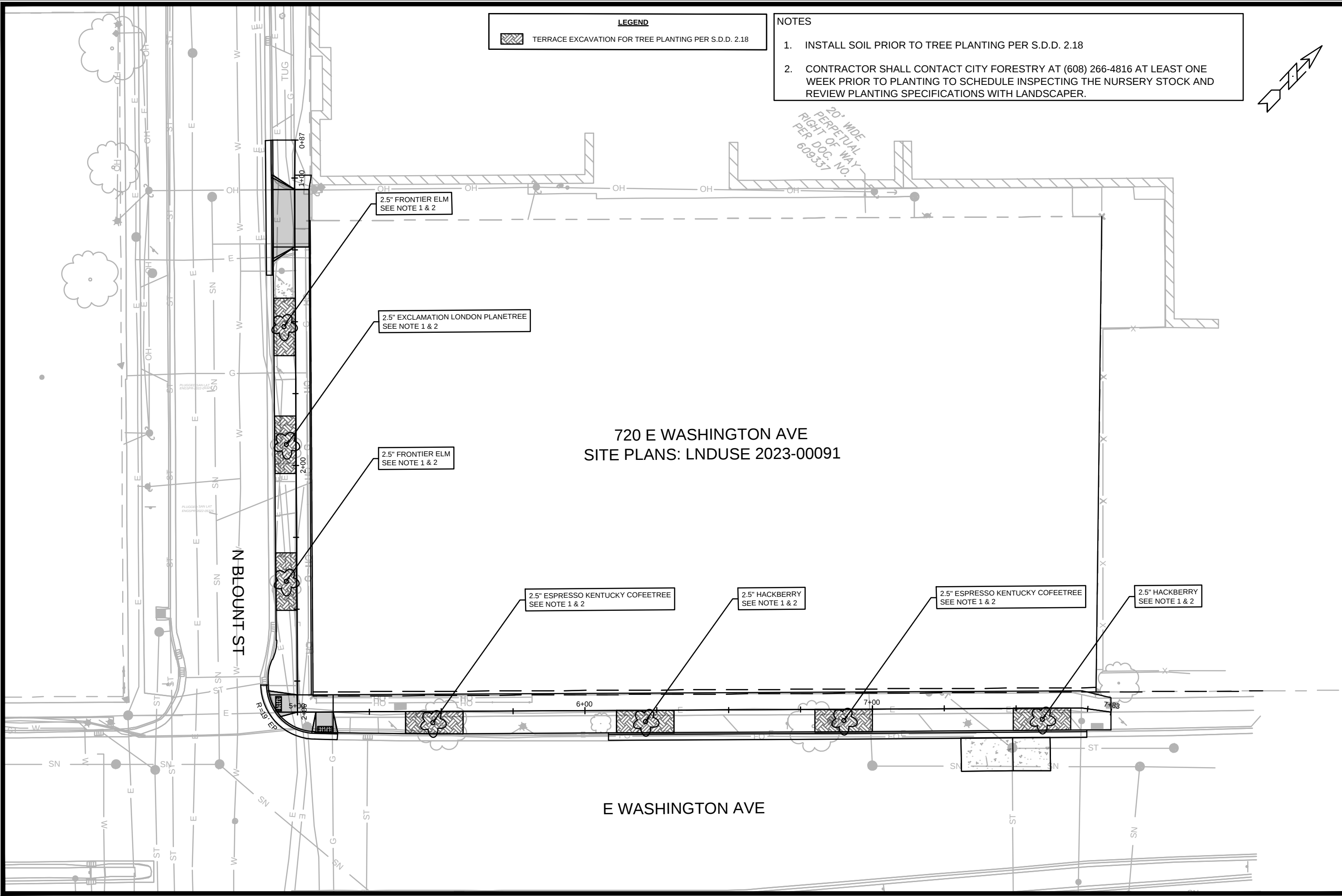


REVISION 2 NOTE: PROPOSED SANITARY
WILL BE ROUTED TO E WASHINGTON AVE.
CONNECTION TO E MIFFLIN ST HAS BEEN
ELIMINATED. SEE SHEET W-2.



GENERAL REQUIREMENTS - WATER MAIN PROFILES:
• WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)

15621		MADISON, WI		9636	
WATER MAIN ADJUSTMENT PLAN & PROFILE		720 E WASHINGTON AVENUE		CONTRACT NO:	
		15621		W-1	
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15621		15621		1	



LEGEND

TERRACE EXCAVATION FOR TREE PLANTING PER S.D.D. 2.18

NOTES

1. INSTALL SOIL PRIOR TO TREE PLANTING PER S.D.D. 2.18
2. CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH LANDSCAPER.

BY	DATE	REVISION	DESIGNED BY	DATE	SCALE
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MARK	15621	15621	15621	15621	15621

LANDSCAPING PLAN

15621

MADISON, WI

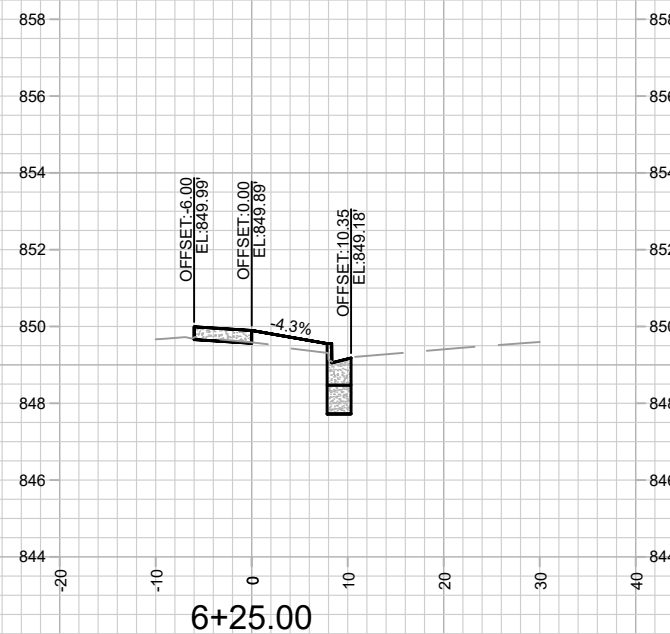
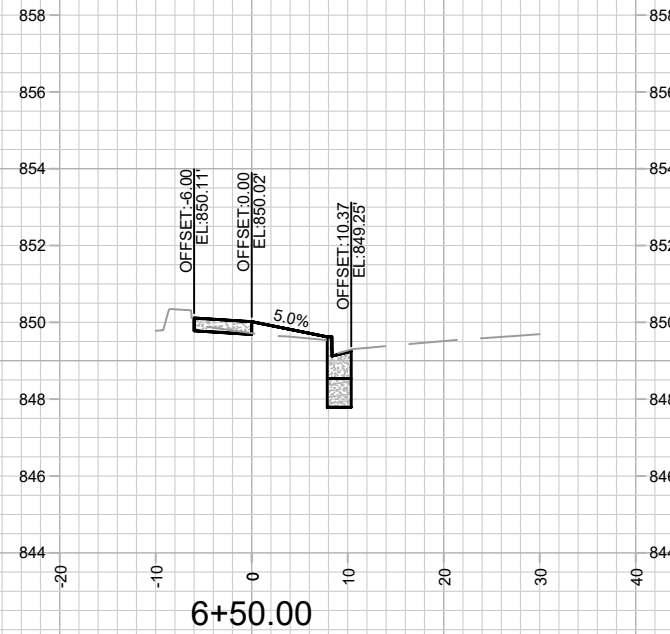
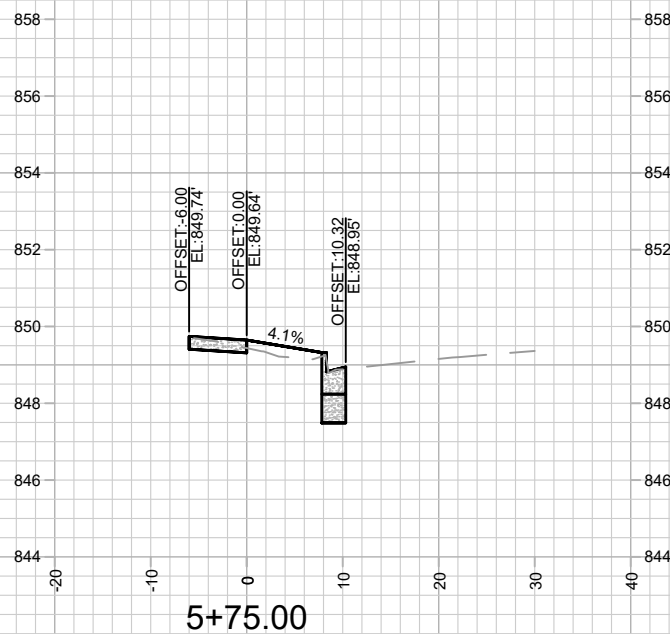
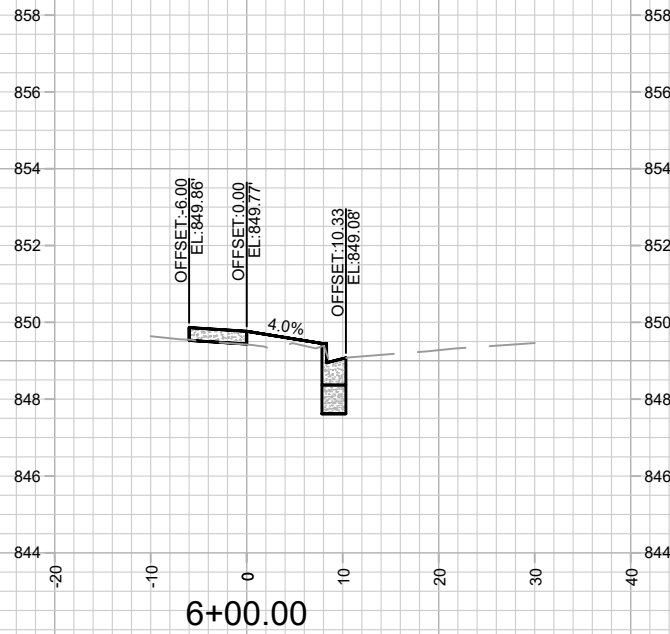
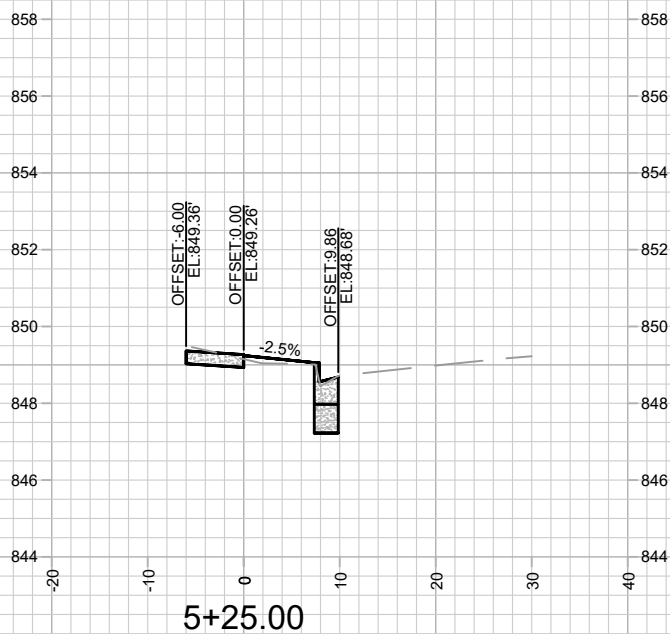
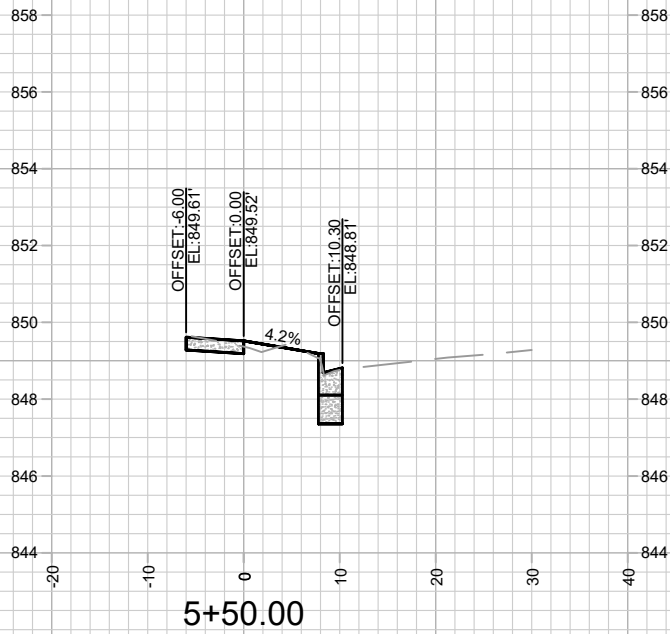
720 E WASHINGTON AVENUE

CONTRACT NO: 9636

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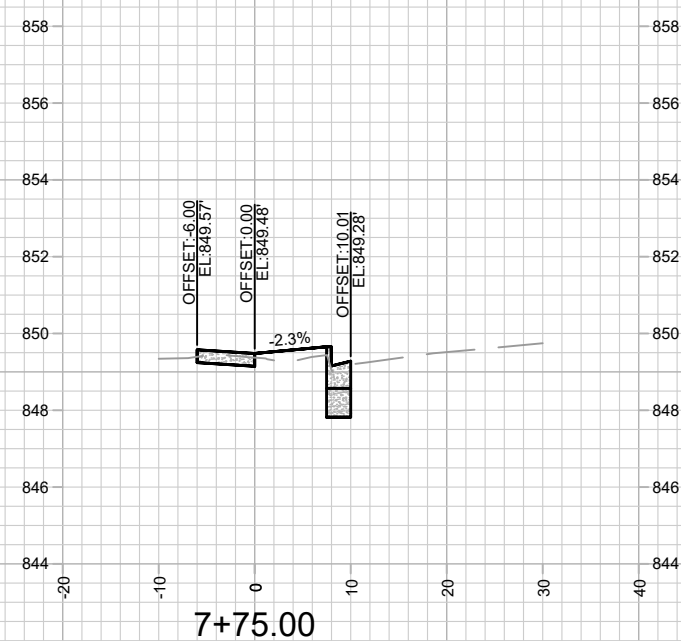
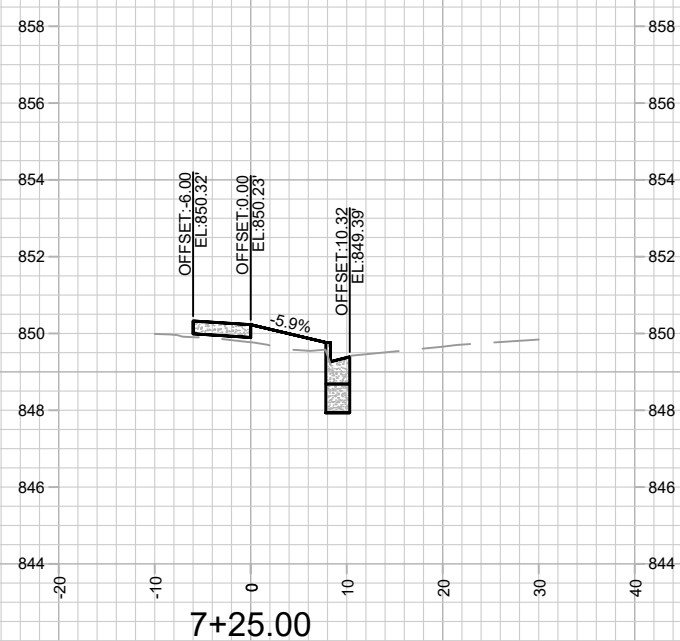
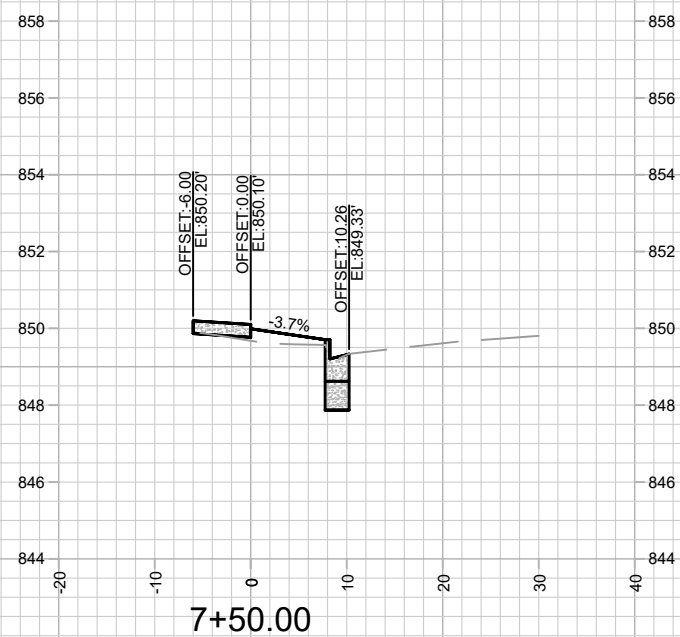
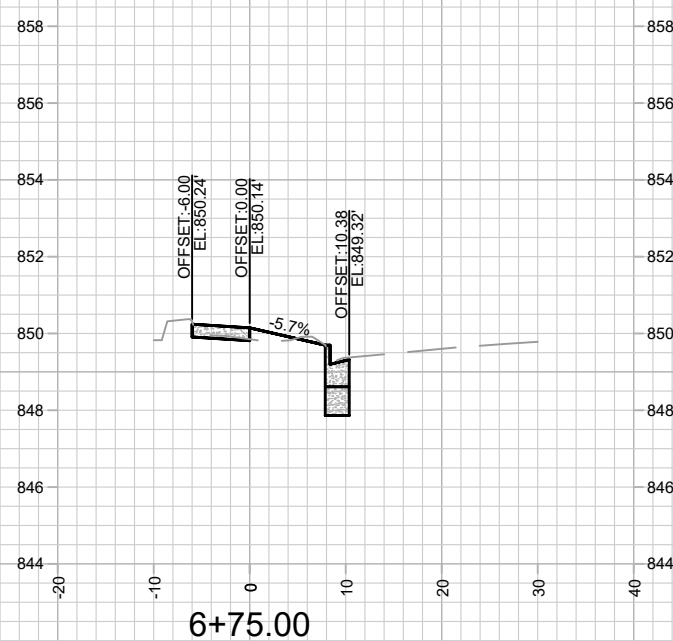
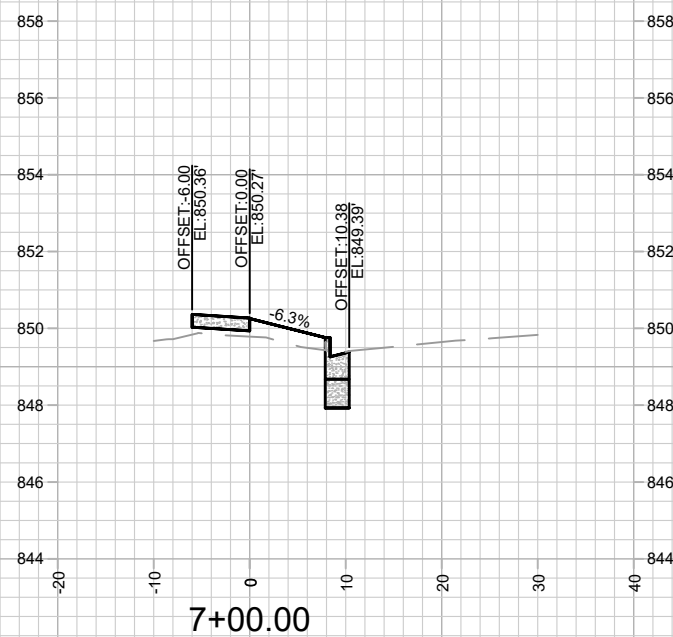


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X-1

CROSS SECTIONS - E WASHINGTON AVE
720 E WASHINGTON AVENUE

15621
MADISON, WI
CONTRACT NO: 9636

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15621
X-2

CROSS SECTIONS - E WASHINGTON AVE

720 E WASHINGTON AVENUE

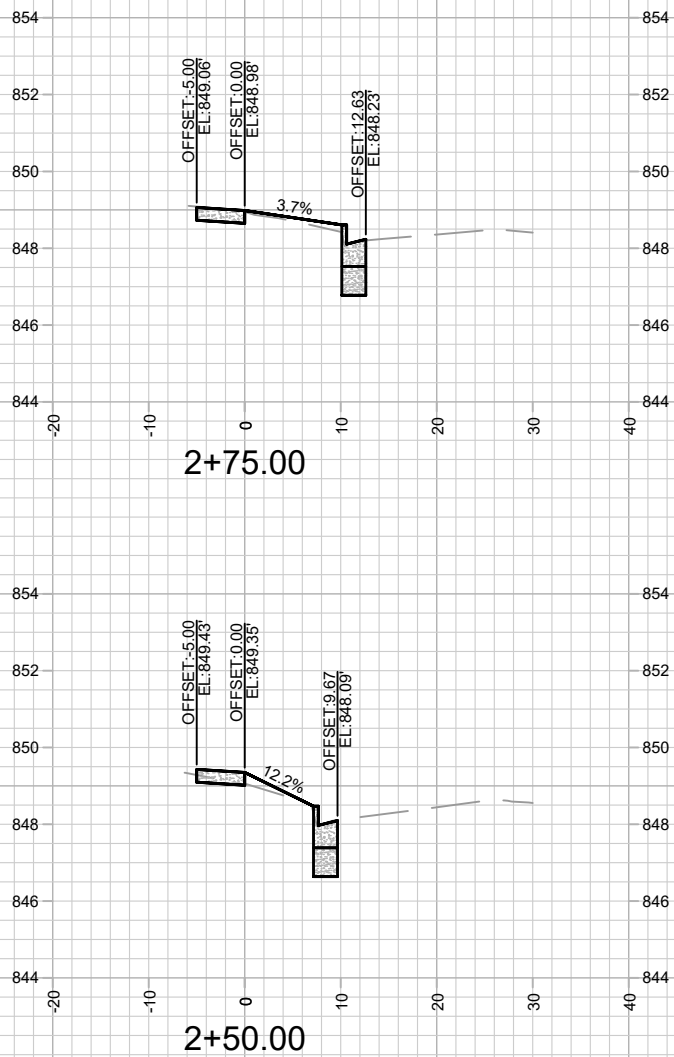
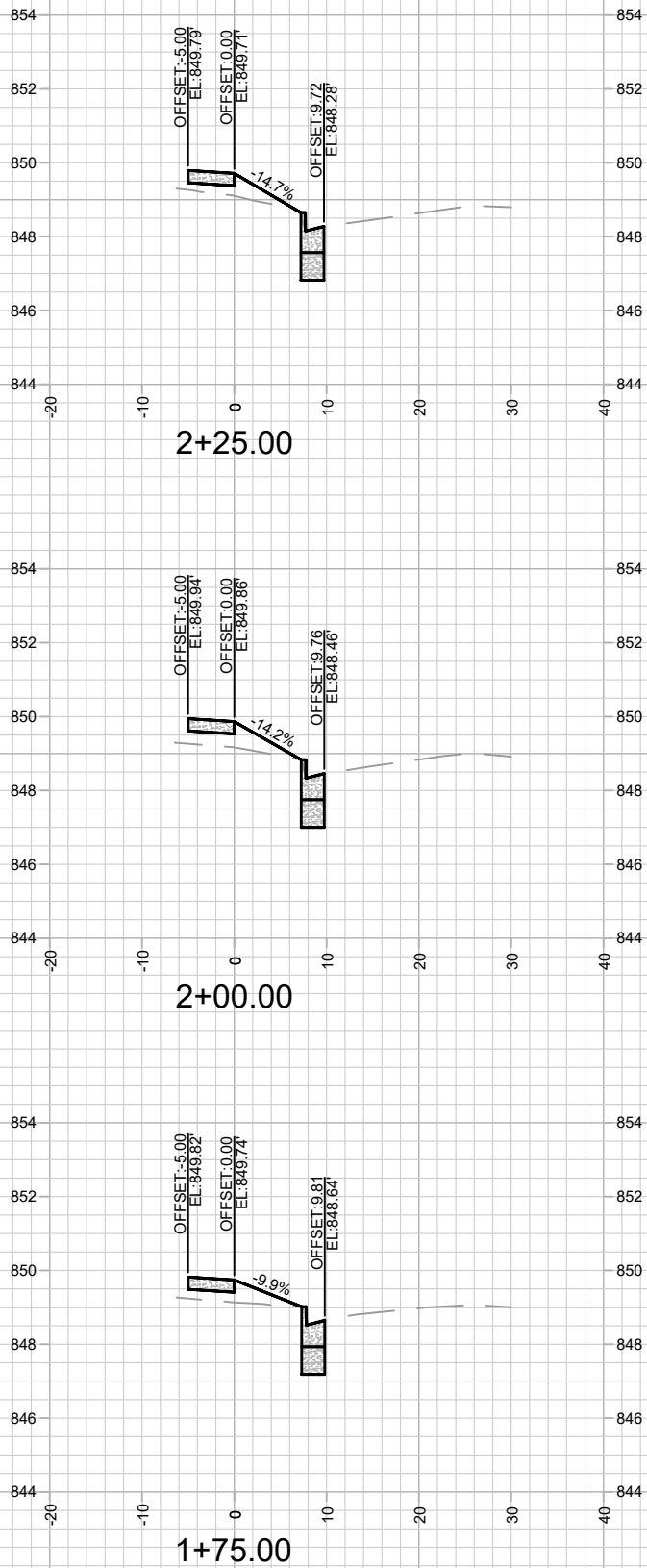
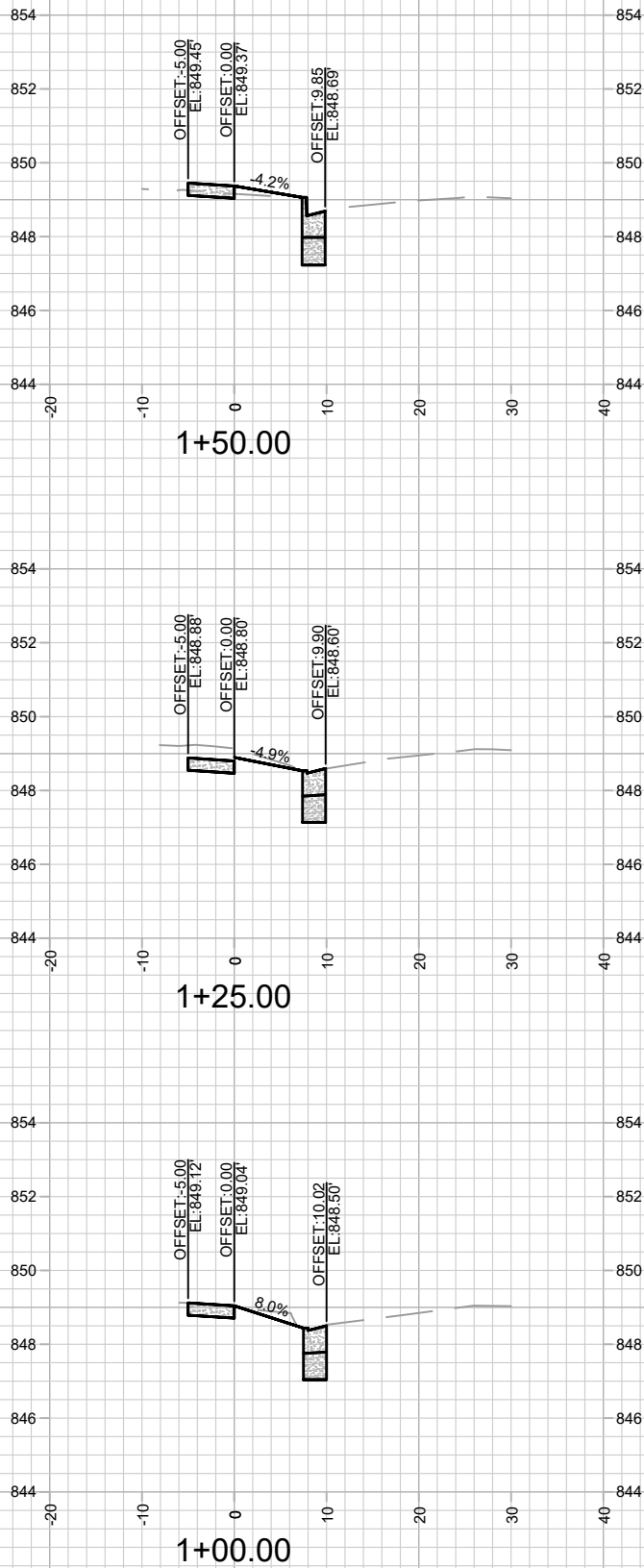
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MADISON, WI

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CROSS SECTIONS - N BLOUNT ST
720 E WASHINGTON AVENUE

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MADISON, WI

CONTRACT NO: 9636

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